

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("3234746") or ("5411374") or ("5687776") or ("5771946") or ("5787940") or ("5884488")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/29 08:50
S2	108	(417/398).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/23 13:26
S3	202	(417/397).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/23 13:26
S4	1	("6581390").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 07:45
S5	26	("2124788"   "2308122"   "2526221"   "2700876"   "3131713"   "3215315"   "3234746"   "3570261"   "3990816"   "4197712"   "4527634"   "4910964"   "5243821"   "5373702"   "5411374"   "5687776"   "5771946"   "5787940").PN. OR ("6581390").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 09:10
S6	202	(417/397).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 09:10
S7	108	(417/398).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 10:02
S8	242	(417/399).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 10:22
S9	362	(417/401).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 10:56
S10	379	(417/403).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 11:17
S11	280	(417/404).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 11:29
S12	279	(417/374).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:07
S13	473	((417/374) or (417/379)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:11
S14	195	(417/379).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:58
S15	389	(417/390).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:10
S16	248	(417/901).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:43
S17	174	(62/50.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:43

## EAST Search History

S18	16	("3740169"   "4003679"   "4152971"   "4527959"   "4747758"   "4820136"   "5007812"   "5044894"   "5113808"   "5273405"   "5348451"   "5427507"   "5460491"   "5616005"   "5806314"   "5879137").PN. OR ("6210131"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 15:37
S19	16	("3740169"   "4003679"   "4152971"   "4527959"   "4747758"   "4820136"   "5007812"   "5044894"   "5113808"   "5273405"   "5348451"   "5427507"   "5460491"   "5616005"   "5806314"   "5879137").PN. OR ("6210131"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 08:25
S20	1	("6581390").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/29 08:25
S21	26	("2124788"   "2308122"   "2526221"   "2700876"   "3131713"   "3215315"   "3234746"   "3570261"   "3990816"   "4197712"   "4527634"   "4910964"   "5243821"   "5373702"   "5411374"   "5687776"   "5771946"   "5787940").PN. OR ("6581390"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/29 08:25
S22	108	(417/398).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/29 09:06
S23	202	(417/397).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/29 09:07
S24	16	("3740169"   "4003679"   "4152971"   "4527959"   "4747758"   "4820136"   "5007812"   "5044894"   "5113808"   "5273405"   "5348451"   "5427507"   "5460491"   "5616005"   "5806314"   "5879137").PN. OR ("6210131"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:15
S25	15	("3234746").URPN.	USPAT	AND	ON	2006/07/21 10:42
S26	15	("3234746").URPN.	USPAT	AND	ON	2006/07/21 10:42
S27	26	("2124788"   "2308122"   "2526221"   "2700876"   "3131713"   "3215315"   "3234746"   "3570261"   "3990816"   "4197712"   "4527634"   "4910964"   "5243821"   "5373702"   "5411374"   "5687776"   "5771946"   "5787940").PN. OR ("6581390"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:43

## EAST Search History

S28	11	("1250423"   "3234746"   "3649136"   "3990245"   "4068476"   "4156343"   "4285201").PN. OR ("4527634").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:46
S29	35	("3164325"   "3181473"   "3234746"   "3422765"   "3456595"   "3630639"   "3990816"   "4239460"   "4576557"   "4585039"   "4917576"   "5110267").PN. OR ("5411374").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:48
S30	52	("2576984"   "2945354"   "3195316"   "3271965"   "3507302"   "3864918"   "3885394"   "3990256"   "4276749"   "4292062"   "4406129"   "4475348"   "4505249"   "4527600"   "4531558"   "4887857"   "4966206"   "4987932"   "5029622"   "5081977"   "5107906"   "5121609"   "5127230"   "5163409"   "5211021"   "5228295"   "5231838"   "5243821"   "5325894"   "5327730"   "5353849"   "5360139"   "5373702").PN. OR ("5687776").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:54
S31	2473865	motor or actuator or drive	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:54
S32	1430192	piston or linear	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:55
S33	6365450	dual or series or serial or multiple or plural\$5 or (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 10:56
S34	72736	S31 near S32 and S33	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:02
S35	3199	S34 pump compressor	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:00
S36	202707	S34 pump or compressor	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:00
S37	774159	pump	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:00
S38	23297	S34 S37	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:01

## EAST Search History

S39	23297	S34 pump	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:02
S40	19056	S39 piston	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:03
S41	2109340	rod or shaft	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:03
S42	16254	S40 and S41	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/21 11:06
S43	65112	("62").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/07/21 11:06
S44	175	(62/50.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/21 11:07
S45	1	("6581390").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/23 14:54
S46	26	("2124788"   "2308122"   "2526221"   "2700876"   "3131713"   "3215315"   "3234746"   "3570261"   "3990816"   "4197712"   "4527634"   "4910964"   "5243821"   "5373702"   "5411374"   "5687776"   "5771946"   "5787940").PN. OR ("6581390"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/23 14:54

# *Interference Search*

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	crogenic and pump and (slideably or slidingly) and (actuator or actuating) and linear and exchanger	US-PGPUB	AND	ON	2006/07/26 09:04